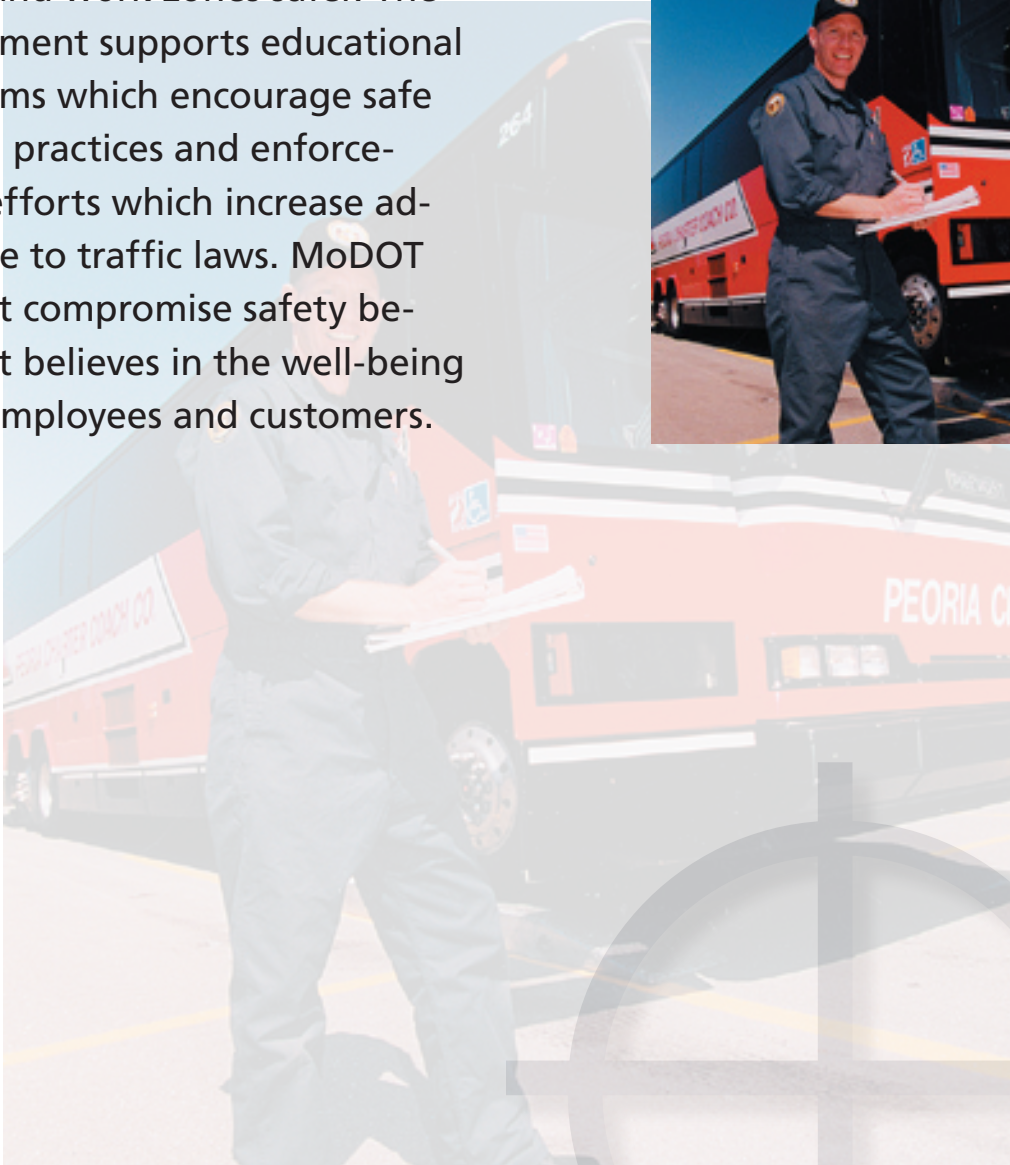

Safe Transportation System

*Tangible Result Driver – Kevin Keith,
Chief Engineer*

MoDOT works closely with other safety advocates to make our roads and work zones safer. The department supports educational programs which encourage safe driving practices and enforcement efforts which increase adherence to traffic laws. MoDOT will not compromise safety because it believes in the well-being of its employees and customers.



Safe Transportation System

Number of fatalities and injuries year to date

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

This measure tracks annual trends in fatalities and injuries resulting from motor vehicle crashes in Missouri. It will help drive the Highway Safety plan toward efforts that reduce the number of fatalities and injuries on Missouri's roadways.

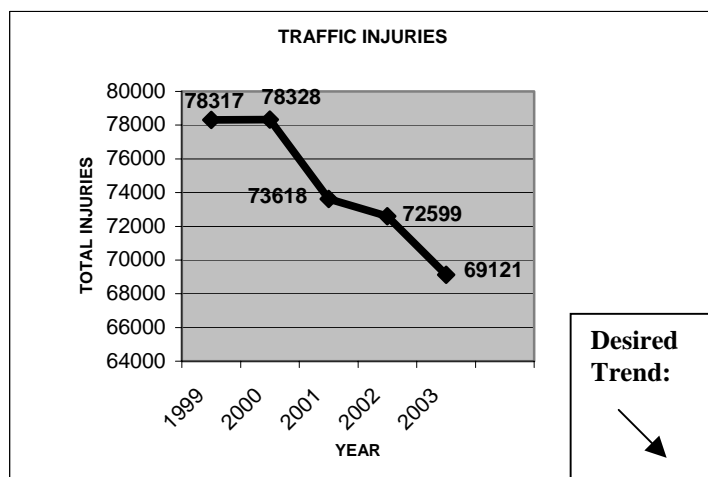
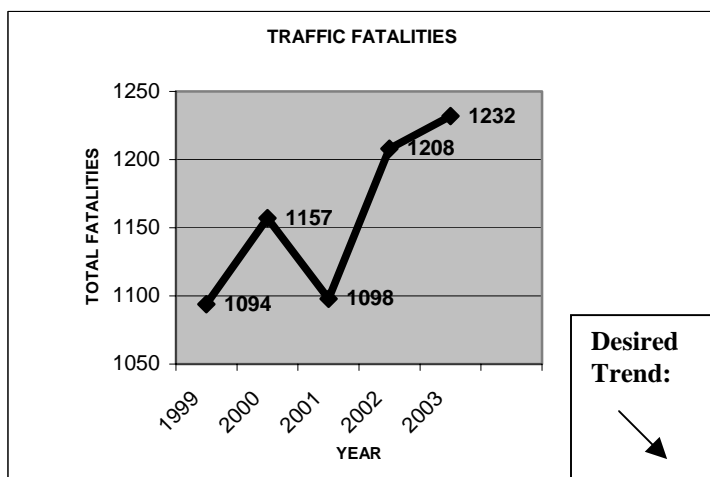
Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Reports on crash data are available to law enforcement and traffic safety advocates for crash analysis through both databases. Final crash data for each year is not available until approximately March or April of the following year.

Improvement Status:

Fatalities have increased from 1,094 in 1999 to 1,232 in 2003. Disabling injuries are down from 78,317 in 1999 to 69,121 in 2003. Missouri has developed a "Blueprint for Safer Roadways".

The goal of this blueprint is to reduce the number of fatalities per year to 1,000 by the year 2008.



Safe Transportation System

Number of impaired driver-related fatalities and injuries year to date

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

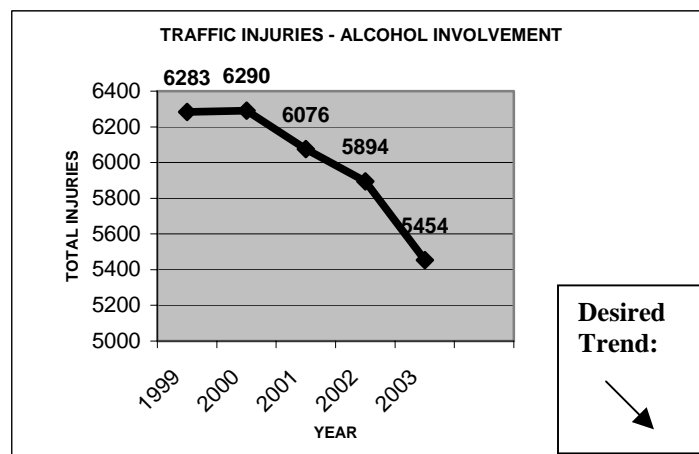
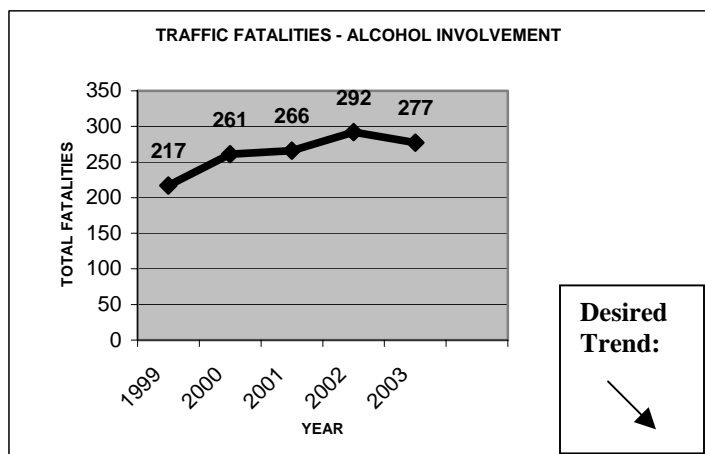
This measure tracks annual trends in fatalities and injuries resulting from motor vehicle crashes involving impaired drivers. It will help drive the Highway Safety plan toward efforts that reduce the number of fatalities and injuries on Missouri's roadways.

Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Reports on crash data are available to law enforcement and traffic safety advocates for crash analysis through both databases. Final crash data for each year is not available until approximately March or April of the following year.

Improvement Status:

Alcohol related fatalities have increased from 217 in 1999 to 277 in 2003. Injuries are down from 6,283 in 1999 to 5,454 in 2003.



Safe Transportation System

Rate of annual fatalities and injuries

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

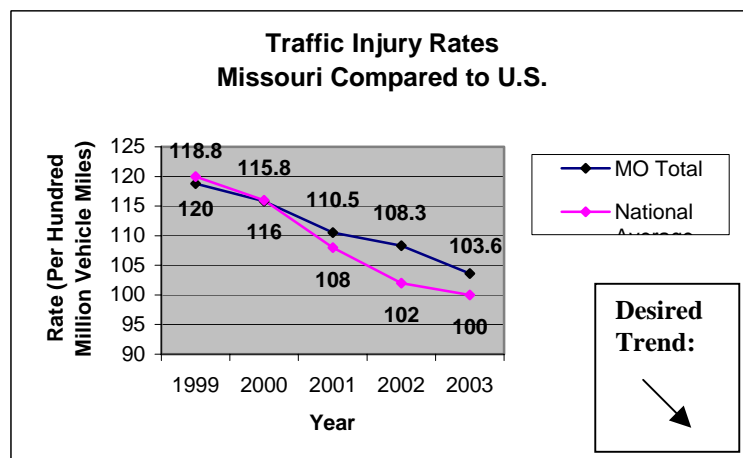
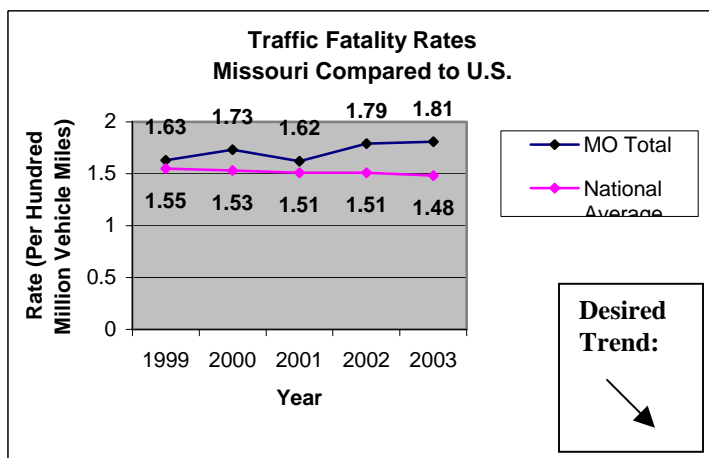
This measure tracks annual rates per Hundred Million Vehicle Miles for fatalities and injuries resulting from motor vehicle crashes in Missouri. It will help drive the Highway Safety plan toward efforts that reduce the number of fatalities and injuries on Missouri's roadways.

Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Reports on crash data are available to law enforcement and traffic safety advocates for crash analysis through both databases. Final crash data for each year is not available until approximately March or April of the following year.

Improvement Status:

The Missouri motor vehicle fatality rate per HMVM increased from 1.63 in 1999 to 1.81 in 2003. The injury rate per HMVM decreased from 118.8 in 1999 to 103.6 in 2003.



Safe Transportation System

Rate of commercial vehicle fatalities and injuries

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Jan Skouby, Motor Carrier Services Director

Purpose of the Measure:

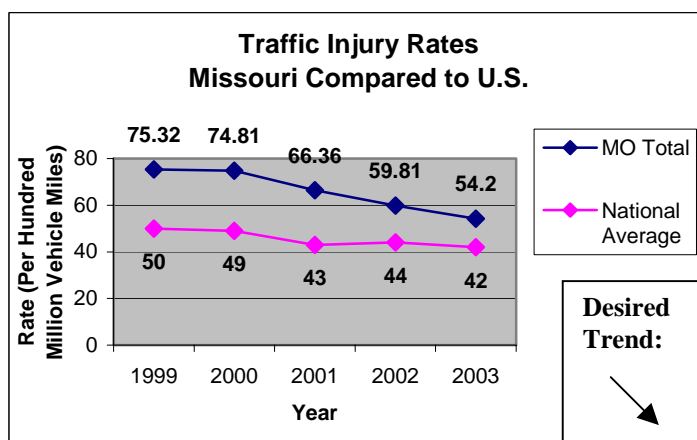
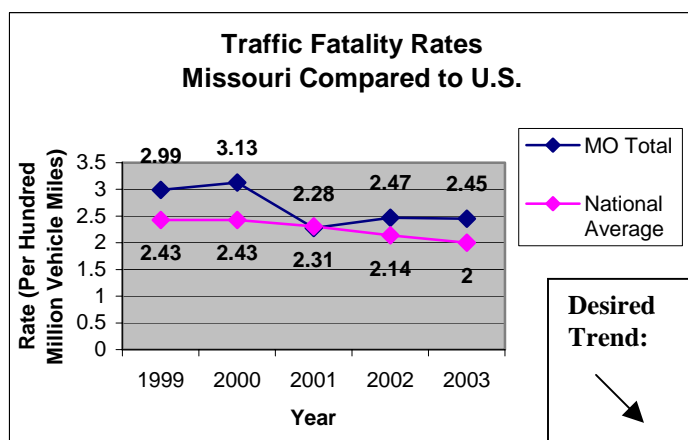
This measure tracks annual rates for all fatalities and injuries resulting from commercial motor vehicle crashes in Missouri. Numbers include injuries and fatalities from motor carriers as well as all other vehicles involved in these crashes. This measure will help drive the Motor Carrier Safety Assistance Program plan toward efforts that reduce the number of fatalities and injuries on Missouri's roadways.

Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Final crash data for each year is not available until approximately March or April of the following year.

Improvement Status:

Missouri commercial vehicle crash rates continue to show a downward trend but are still slightly above the national rate in the number of fatal crashes and fatalities.



Safe Transportation System

Number of DWI offenders

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

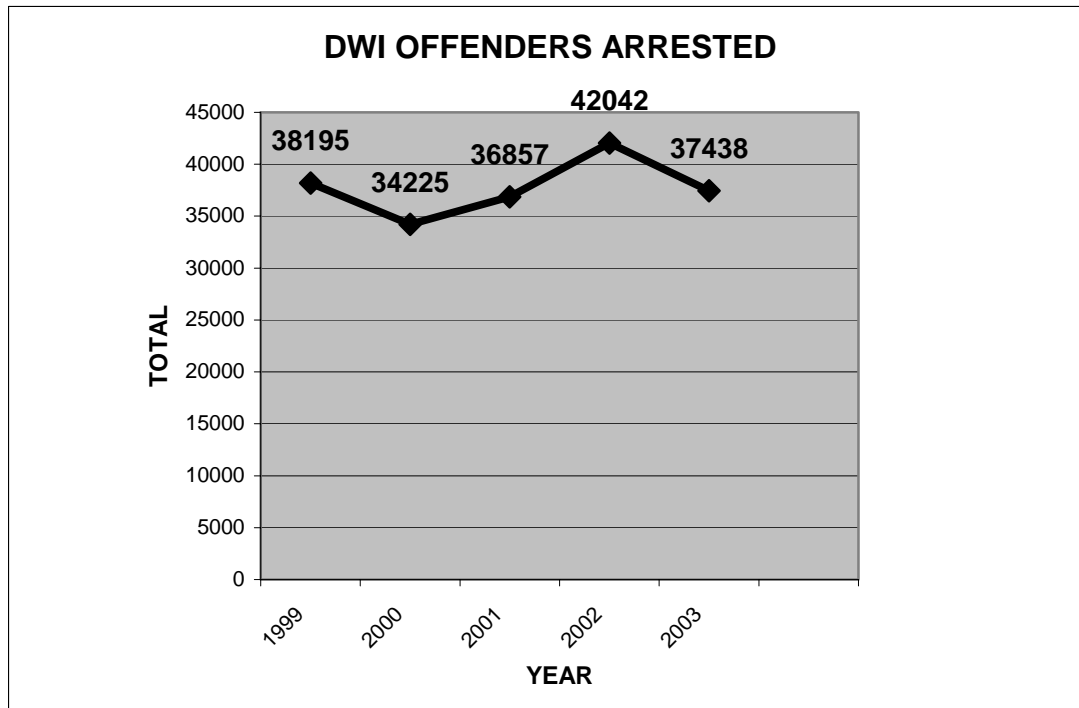
This measure tracks annual trends in the number of DWI offenders. This measure will help drive the Highway Safety plan toward efforts that decrease the number of DWI offenders in Missouri.

Measurement and Data Collection:

DWI offender data is collected at the Missouri State Highway Patrol through their driving while impaired tracking system.

Improvement Status:

This graph represents the total number of DWI offenders arrested in Missouri for alcohol and drugs for calendar years 1999-2003. 2003 arrests are lower than 2002, however the trend has shown a steady increase beginning in 2000 and continuing through 2002.



**Desired
Trend:**



Safe Transportation System

Percent of seatbelt/passenger vehicle restraint use

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

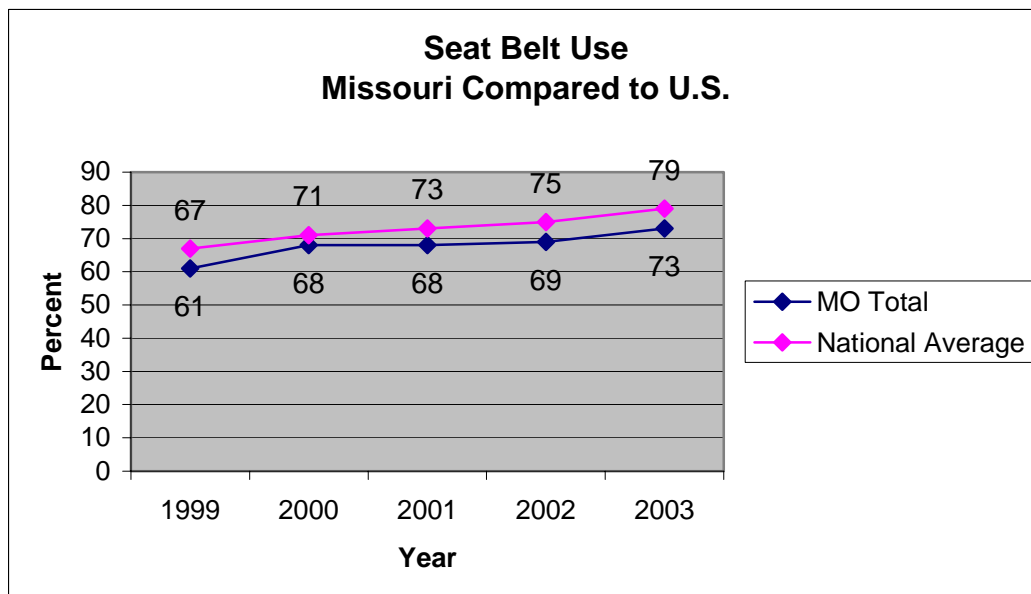
This measure tracks annual trends in seatbelt usage by persons in passenger vehicles. This measure will help drive the Highway Safety plan toward efforts that increase the percent of usage.

Measurement and Data Collection:

An annual statewide survey is conducted each June at 480 pre-selected locations in 20 counties. The data collected at these sites is calculated into a rate by use of a formula approved by the National Highway Traffic Safety Administration. The seatbelt usage survey enables data collection from locations representative of 85 percent of the state's population. The data collection plan is the same each year for consistency and compliance with national transportation guidelines.

Improvement Status:

While below the national average, seat belt use has increased by nearly 16 percent from 1999 to 2004. This is due to an annual aggressive media and enforcement campaign directed through the MoDOT Highway Safety Division.



**Desired
Trend:**



Safe Transportation System

Number of DWI convictions

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Bill Whitfield, Senior Operations Specialist

Purpose of the Measure:

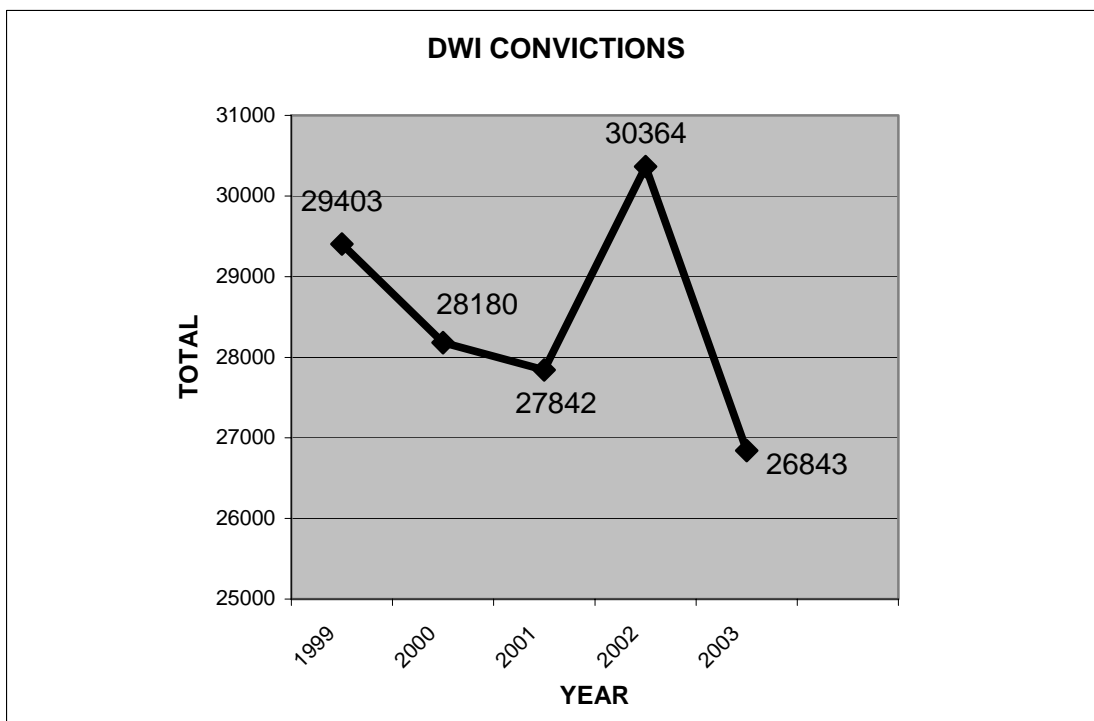
This measure tracks annual trends in the number of DWI convictions. This measure will help drive the Highway Safety plan toward efforts that increase the number of DWI Convictions in Missouri.

Measurement and Data Collection:

DWI conviction data is collected at the Missouri State Highway Patrol through their driving while intoxicated tracking system.

Improvement Status:

The number of DWI convictions has seen a significant decrease from 2002 to 2003. This is the lowest number of convictions for the past five years.



**Desired
Trend:**



Safe Transportation System

Number of bicycle and pedestrian fatalities and injuries

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

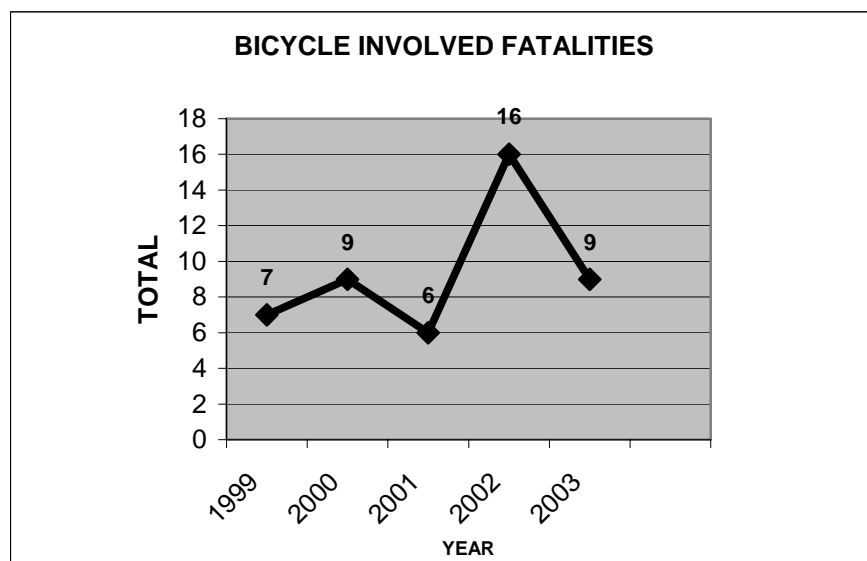
This measure tracks annual trends in fatalities and injuries resulting from motor vehicle crashes with bicycles and pedestrians in Missouri. This measure will help drive the Highway Safety plan toward efforts that reduce the number of fatalities and injuries on Missouri's roadways.

Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Final crash data for each year is not available until approximately March or April of the following year.

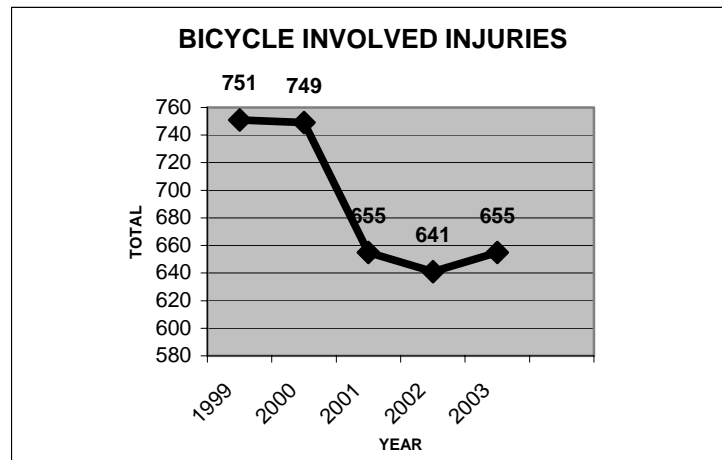
Improvement Status:

Bicycle fatalities have ranged from six to 16 over the past five years with no definite trend established. Bicycle injuries have shown a downward trend over the past five years. Pedestrian fatalities have ranged from 68 to 92 over the past five years. Pedestrian injuries have shown a downward trend over the past five years. The bicycling/pedestrian program helps improve conditions for walking and bicycling in Missouri. This is accomplished by reviewing and recommending bicycle and pedestrian friendly policies and standards for transportation projects. MoDOT works with other state agencies, local governments, regional commissions and representatives from other states to improve access and safety for these modes of transportation.

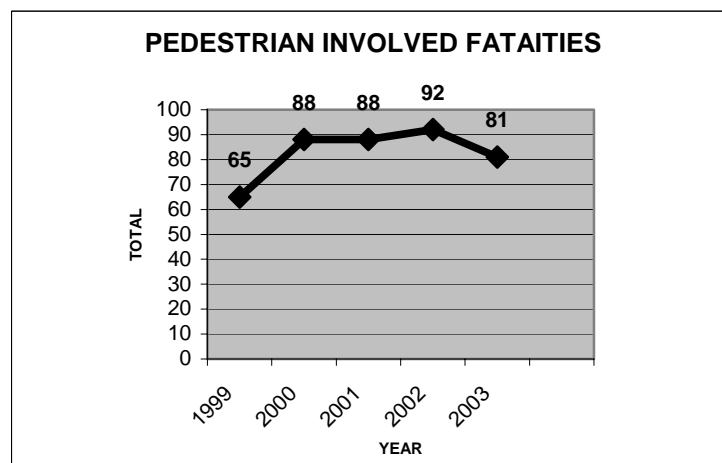


**Desired
Trend:**

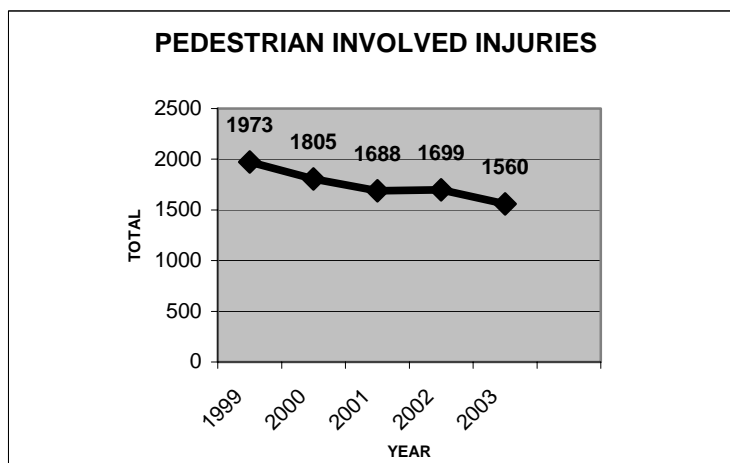




**Desired
Trend:**



**Desired
Trend:**



**Desired
Trend:**

Safe Transportation System

Number of motorcycle fatalities and injuries

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Scott Turner, Highway Safety Program Administrator

Purpose of the Measure:

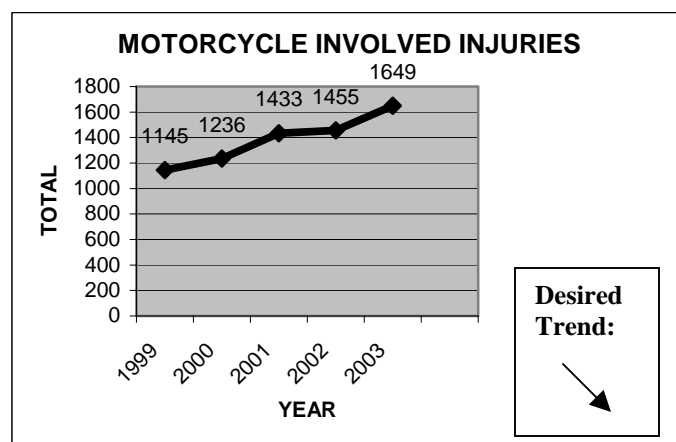
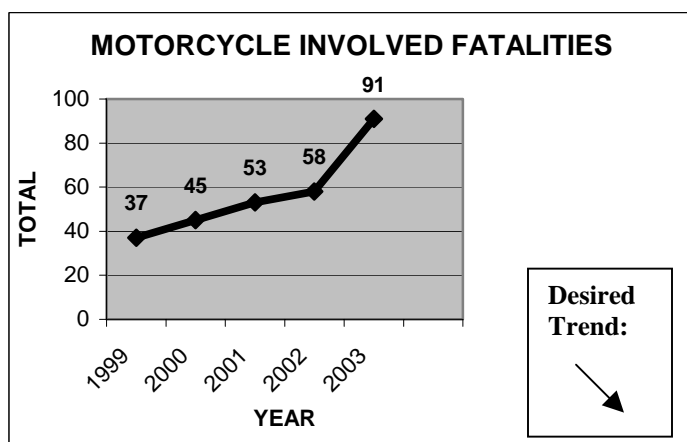
This measure tracks annual trends in fatalities and injuries resulting from motorcycle crashes in Missouri.

Measurement and Data Collection:

Crash data is collected at the Missouri State Highway Patrol and is entered into a traffic accident record system. The record system automatically updates MoDOT's traffic management system. Reports on crash data are available to law enforcement and traffic safety advocates for crash analysis through both databases. Final crash data for each year is not available until approximately March or April of the following year.

Improvement Status:

Motorcycle fatalities range from 37 to 91 over the past five years. There has been a steady increase in the number of fatalities, even though the number of riders attending an education and training program have increased. Motorcycle injuries range from 1145 to 1649 over the past five years. There has been a steady increase in injuries sustained. The number of licensed riders has also increased over the past five years. Missouri's training program, administered by the Missouri Safety Center at Central Missouri State University, focuses on crash prevention, which is the area that has the greatest potential to offer a safety payoff for motorcyclists. MoDOT supports effective state rider education and training programs and encourages proper licensing for all motorcyclists.



Safe Transportation System

Number of fatalities and injuries in work zones

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Dan Bruno, Traffic Studies and Corrections Engineer

Purpose of the Measure:

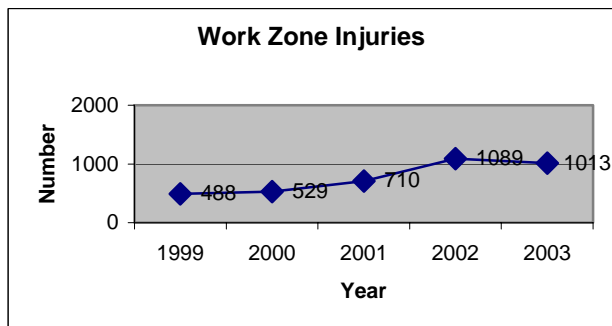
This measure tracks motorist and worker injuries and fatalities in and around work zones on the state highway system

Measurement and Data Collection:

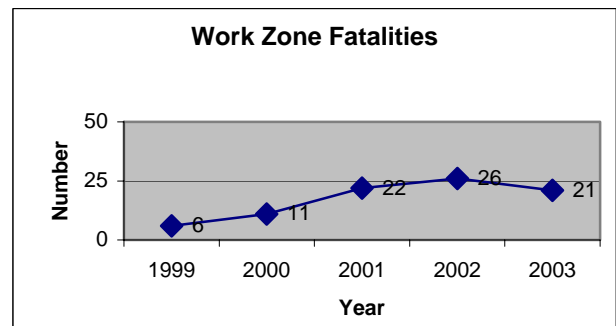
Data is gathered through query and analysis of reported crashes via the standardized Missouri vehicle accident reporting form. All law enforcement agencies are required to submit completed accident report forms to the Highway Patrol for inclusion in the statewide accident database, STARS. This data is then analyzed on an annual basis and published in the annual Missouri Traffic Safety Compendium by the Highway Patrol.

Improvement Status:

Work zone fatalities and injuries have dramatically increased over the past five years. The department is pursuing legislation to increase the penalties for injuring or killing a worker in a work zone. This legislation would also establish a trust fund to support law enforcement and innovative temporary traffic control devices in Missouri work zones. Additionally, MoDOT continues its work zone coordination process to track work zones and ensure use of visible, high-quality traffic control for all work zones on the state highway system.



**Desired
Trend:**



**Desired
Trend:**



Safe Transportation System

Number of DWI Repeat Offenders

Results Driver: Kevin Keith, Chief Engineer

Measurement Driver: Bill Whitfield, Senior Operations Specialist

Purpose of the Measure:

This measure will track annual trends in the number of DWI repeat offenders. It will help drive the Highway Safety plan toward efforts that decrease the number of DWI repeat offenders in Missouri.

Measurement and Data Collection:

Improvement Status:

**Measure is Under
Development**

